

TITLE OF INVENTION
CO-EXTRUDABLE MULTI-LAYER POLYMER

5 ABSTRACT OF THE DISCLOSURE

The present invention provides a multi-layer polymer composition having a polar outer layer and a non-polar second outer layer. The polar outer layer is preferably PVC and the non-polar outer layer, polypropylene. The adhesive tie layer is a unique blend of a copolyester elastomer, a non-
10 polar polymer, and a copolymer that contains functional groups capable of reaction with the functional end groups of the copolyester elastomer and that is totally or partially miscible with the non-polar polymer in the second outer layer. The multi-layer polymer can be advantageously coextruded. The non-polar outer layer can comprise the bulk of a fabricated part, with
15 only a thin layer of polar polymer, providing desired attributes of the polar polymer at a lower cost.